



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Straight Creek TDS Wasteload Report 2017-Q3

10-01-2016 to 09-30-2017

Watershed Information

Stressor:	TDS	Watershed Acres:	17,750
Wasteload Allocation:	180,000	Watershed Permits:	9
EPA TMDL Approval Date:	6/8/2006	Watershed Outfalls:	31

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	180,000	0	180,000
Wasteload ⁵	1,340,187	0	1,340,187
Wasteload Balance	-1,160,187	0	-1,160,187
Wasteload Reduction Required ⁶	1,160,187	0	1,160,187
Percent Reduction Required ⁷	86.6 %	0.0 %	86.6 %

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1301411	774,066	670,102	0	0	774,066	670,102
1202026	104,896	90,807	0	0	104,896	90,807
1402024	266,198	230,445	0	0	266,198	230,445
1202025	1,696	1,468	0	0	1,696	1,468
1202027	6,445	5,579	0	0	6,445	5,579
1202075	3,147	2,724	0	0	3,147	2,724
1202076	0	0	0	0	0	0
1102077	5,095	4,411	0	0	5,095	4,411
1202224	178,644	154,650	0	0	178,644	154,650
Total	1,340,187	1,160,187	0	0	1,340,187	1,160,187

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.